

AMSAT News Service Weekly Bulletins

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AMSAT NEWS SERVICE

ANS-087

ANS is a free, weekly, news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

Please send any amateur satellite news or reports to:

ans-editor@amsat.org

* The AMSAT team is preparing for the 2010 Dayton Hamvention AMSAT *
* Booth and activities. For the latest information go to: *
* <http://www.amsat.org/amsat-new/hamvention/2010/Dayton.php> *

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SB SAT @ AMSAT \$ANS-087.01

NASA to Launch Three New CubeSats in November

AMSAT News Service Bulletin 087.01

>From AMSAT HQ SILVER SPRING, MD.

March 28, 2010

To All RADIO AMATEURS

BID: \$ANS-087.01

Three small research satellites with amateur radio educational payloads are scheduled for launch in late November.

Called CubeSats because of their shape, they come from Montana State University, the University of Colorado and Kentucky Space as part of NASA's Educational Launch of Nanosatellite mission.

Kentucky's KySat-1 is believed to be the first CubeSat to carry a 2 meter-to-70 cm FM transponder - truly a crossband repeater in space and one that should be accessible by most radio amateurs within its flight path, authorities said.

CubeSats are in a class of small research spacecraft called pico-satellites. They have a volume of about one quart and weigh no more than 2.2 pounds. The University of Florida was selected as an alternate in case one of the three primary spacecraft cannot fly.

[ANS thanks Jack, KD1PE, for the above information]

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SB SAT @ AMSAT \$ANS-087.02
Amateur Radio Emergency Regulations Proposal

AMSAT News Service Bulletin 087.02
>From AMSAT HQ SILVER SPRING, MD.
March 28, 2010
To All RADIO AMATEURS
BID: \$ANS-087.02

FCC propose amendment to Amateur Radio emergency drill regulations
There has been much debate in the US recently on the issue of amateur radio operators participating in emergency drills which have been organised the their employers. The FCC is hoping to clarify the rules and allow more flexibility with this amendment.

A Proposed Rulemaking was released yesterday containing amendments to Section 97.113 of the Amateur Radio Service Rules regarding using paid employees in government sponsored emergency training drills.

For actual filing see:
www.regulations.gov

[ANS thanks Southgate for the above information]

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SB SAT @ AMSAT \$ANS-087.03
Latest AMSAT Awards

AMSAT News Service Bulletin 087.03
>From AMSAT HQ SILVER SPRING, MD.
March 28, 2010
To All RADIO AMATEURS
BID: \$ANS-087.03

The following have entered into the Satellite Communicators Club for making their first satellite QSO.

Jonathan Guthrie, KA8KPN
Mesa Community College ARC, KM7CC
David Sharpe, KF7DRQ
Jim Adams, K0BAM
Richard Rowe, KJ40UQ

The following have earned the AMSAT Communications Achievement Award.

Randal Schulze, KD0HKD, #509
Michael Vargo, AC8CX, #510
Jose Toste, CU3EQ, #511

The following have earned the W4AMI Achievement Award
(for 1000 contacts)

Douglas Anoman, KC9MLN, #60
Howard Merritt, KD7ZLF, #61
Chip Weems, W4PBG, #62

The following have earned the South Africa AMSAT Communications

Achievement Award

Randal Schulze, KD0HKD, #US142
Michael Vargo, AC8CX, #US143
Jose Toste, CU3EQ, #US144

To see all the awards visit <http://www.amsat.org> or
<http://www.amsatnet.com>

Bruce Paige, KK5D0
AMSAT Director Contests and Awards

[ANS thanks Bruce, KK5D0, for the above information]

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SB SAT @ AMSAT \$ANS-087.04
New Agency

AMSAT News Service Bulletin 087.04
From AMSAT HQ SILVER SPRING, MD.
March 28, 2010
To All RADIO AMATEURS
BID: \$ANS-087.04

At a Conference in London held today, it was announced that April 1st 2010 is to be the "launch" date for the establishment of the United Kingdom Space Agency. This will take over responsibility for space from the previous voluntary partnerships of Government Departments and research councils, the British National Space Centre.

It is reported that the new agency will bring these together "under oneroof". It will also include the Technology Strategy Board and the Met Office.

In addition to this announcement, the UK Government has stated that £24m will be invested into The International Space Innovation Centre (ISIC) at Harwell which is also the site of the new ESA technical facility.

Lets hope the new Agency looks kindly towards UK cubesat projects like AMSAT-UK's FUNCube! (New possibilities?)

For more details see <http://news.bbc.co.uk/1/hi/sci/tech/8579270.stm>

Graham G3VZV

[ANS thanks Graham, G3VZV, for the above information]

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SB SAT @ AMSAT \$ANS-087.05
Satellite Shorts

AMSAT News Service Bulletin 087.05
From AMSAT HQ SILVER SPRING, MD.
March 28, 2010
To All RADIO AMATEURS
BID: \$ANS-087.05

AMSAT at Dayton Reminders

Another reminder that AMSAT has available a block of rooms for Dayton. The hotel is the Country Inn & Suites in Fairborn. The cost is \$99 a night. If you are interested, please call me at 301-589-6062 to make a reservation. The block will be gone on April 13th! Don't forget the AMSAT-TAPR dinner on Friday night. You can register for that online at the AMSAT website.

[ANS thanks Martha for the above information]

Listen to 2 Meter Houston AMSAT Net via the Internet

The Houston AMSAT Net now has a new Icecast streaming server, thanks to Mike, N0VZC. During our net, Tuesday 8PM Central Time (Wednesday 0100 UTC), our audio can be heard by pasting the following into your URL, Winamp, iPhone, iTunes or almost any other player.

radio.arert.net:8000/amsat.m3u

We hope that you continue enjoying the Houston AMSAT Net. You can also listen on Echolink in the *AMSAT* conference as well as after the net completes as a Podcast from the iTunes store or your favorite Podcast player.

[ANS thanks Bruce KK5D0 for the above information]

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SB SAT @ AMSAT \$ANS-087.06
Document Signed for ARISSat Delivery

AMSAT News Service Bulletin 087.06
From AMSAT HQ SILVER SPRING, MD.
March 28, 2010
To All RADIO AMATEURS
BID: \$ANS-087.06

Protocol Document Signed for ARISSat delivery
This week a protocol document was signed between AMSAT, NASA and Energia stating that AMSAT would deliver two satellites to Energia by 1 July 2010. Since we only have one set of solar panels, the second unit will be tested and operational except for the solar panels. The project is on schedule for the July delivery and we look forward to having ARISSat in space later this year.

Gould, WA4SXM
ARISSat Project Manager for AMSAT

[ANS Thankd Gould, WA4SXM, for this information]
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SB SAT @ AMSAT \$ANS-087.07
ARISS Status - 15 March 2010

AMSAT News Service Bulletin 087.07
From AMSAT HQ SILVER SPRING, MD.
March 22, 2010
To All RADIO AMATEURS
BID: \$ANS-087.07

Amateur Radio on the International Space Station (ARISS) Status Report

March 22, 2010

1. Upcoming School Contacts

Shiogama Daini Junior High School in Shiogama, Japan was scheduled for an Amateur Radio on the International Space Station (ARISS) contact on Thursday, March 25 at 07:44 UTC. To prepare for the contact, students studied astronomy and were introduced to the Hubble Space Telescope. They also learned about radio communications and some continued their studies and prepared for their amateur radio license exams.

An Amateur Radio on the International Space Station (ARISS) contact has been scheduled for Walnut Creek Elementary School in Azle, Texas on Monday, March 29 at 15:08 UTC. Each student researched and created a model of a selected space object and then presented his work to the class. Retired Lockheed employees and members of local radio clubs gave demonstrations of satellite communications to the youth. The school recently formed an amateur radio club and students have enjoyed learning what radios can do.

2. Greece Students Question Astronaut via ARISS Contact

On Tuesday, March 16, Timothy Creamer, KC5WKI connected with students attending 18 Dimotiko Scholeio Peristeriou in Athens, Greece via an Amateur Radio on the International Space Station (ARISS) contact. Students posed 19 questions to the on-orbit astronaut during the ISS overhead pass as an audience of 700 students, teachers and community members gathered to watch the event. Several dignitaries were present, including the General Secretary for Communications of the Ministry of Transportation and Telecommunication of Greece, the Mayor of Peristeri (Athens) and the four vice mayors of Peristeri City. The contact was integrated into the school's science curriculum covering subjects on astronomy and radio communications.

3. Astronaut Training Status

On Monday, March 15, astronaut Paolo Nespoli, IZ0JPA participated in an Amateur Radio on the International Space Station (ARISS) simulated contact with students from Quintino Sella, Biella, Italy with audio available on IRLP (Internet Radio Linking Project). This training session was a terrestrial-based amateur radio contact using ARISS equivalent equipment. Nespoli is slated to fly with Expedition 26 in November 2010.

4. ARISS International Team Meeting Held

The Amateur Radio on the International Space Station (ARISS) international team met for the monthly teleconference on March 16. Status reports were given on the Columbus module radio equipment as well as ARISSat-1. Minutes have been posted.
See: <https://www.rac.ca/ariss/arisstel2010-03-16.htm>

[ANS thanks Carol, KB3LKI, for the above information]

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73,
This week's ANS Editor,
Dee Interdonato, NB2F